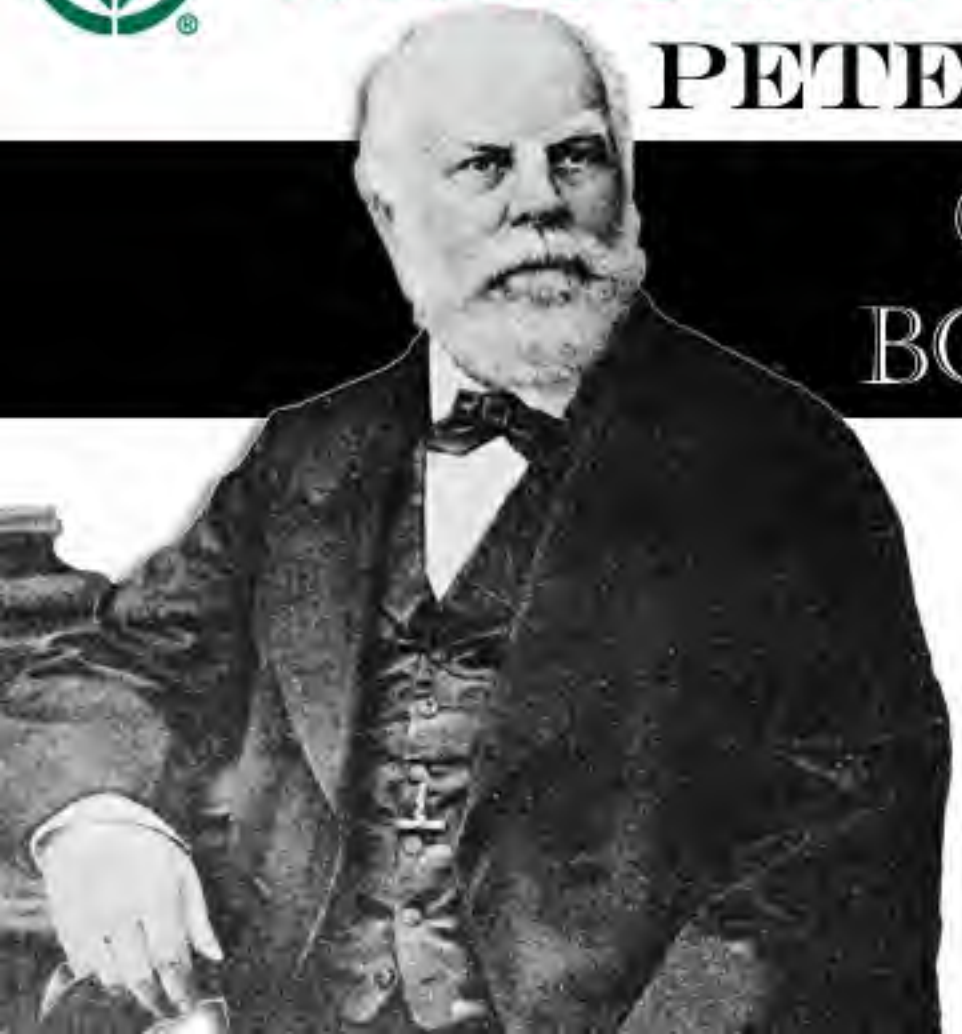
Missouri Botanical Garden
Peter H. Raven Library

George Engelmann Botanical Notebooks



Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

interrupted descent and ascent took place from January to December, we find in 1862 some interruptions in the steps of that ladder. The electricity in February, 1862, is about four degrees higher than that of January, April somewhat higher than March, and July is the lowest instead of September in 1861. These trifling irregularities may be accounted for by differences in temperature and relative humidity, and by a greater number of thunderstorms in 1862. January of 1862, for instance, was so unusually rainy, that its relative humidity too was unusually high, diminishing thus electricity. But the general features of distribution of electricity throughout the year are apparent in both years, and we may in that respect divide the twelve months of each year into two or three groups. Computing the months which give the highest electricity and those which give the lowest in each year, we find that in both years the months of January, February, March, April, November and December exhibit the highest, and the months of May, June, July, August, September and October the lowest electricity. The first group gives

The aggregate monthly mean of	71.5	degrees of	electricity in	1861
and	74.6	"	"	" 1862
While the second group gives	29.0	"	"	" 1861
and	25.7	"	"	" 1862

The second group prevailed than for in 1861 and 1862

VI. The appearance of negative electricity was connected in

1861. No. times.	1862. No. times.	
30	32	with thunderstorms.
23	28	with rains without thunder and lightning.
20	4	with dry storms (without rain and without thunder and lightning).
4	3	with snow.
1	0	with fog.
78	67	

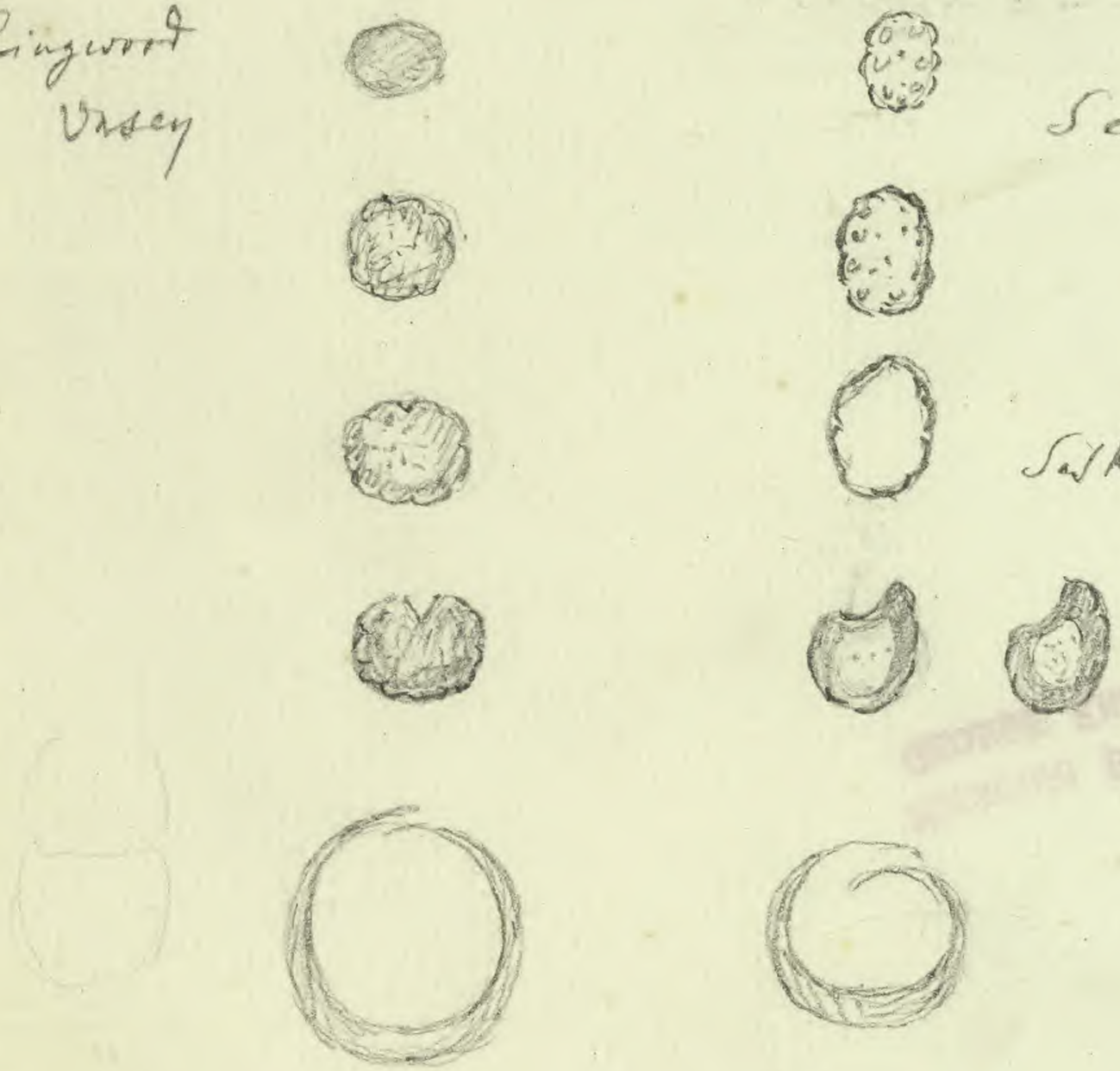
VII. *Relation of Rain and Snow to Electricity.*

Rain without thunderstorm was accompanied

	By Positive Electri-	By Negative Electri-	By no Electricity.

Imous Vaseyi March 9 1865

Ringwood
Vasey



Seed of leaf ×10

filii pedalia

Sassafras
Dorrgan.

ALEX. LEITCH,

APOTHECARY AND CHEMIST,

Marble Building, Cor. Fourth and Olive Streets,

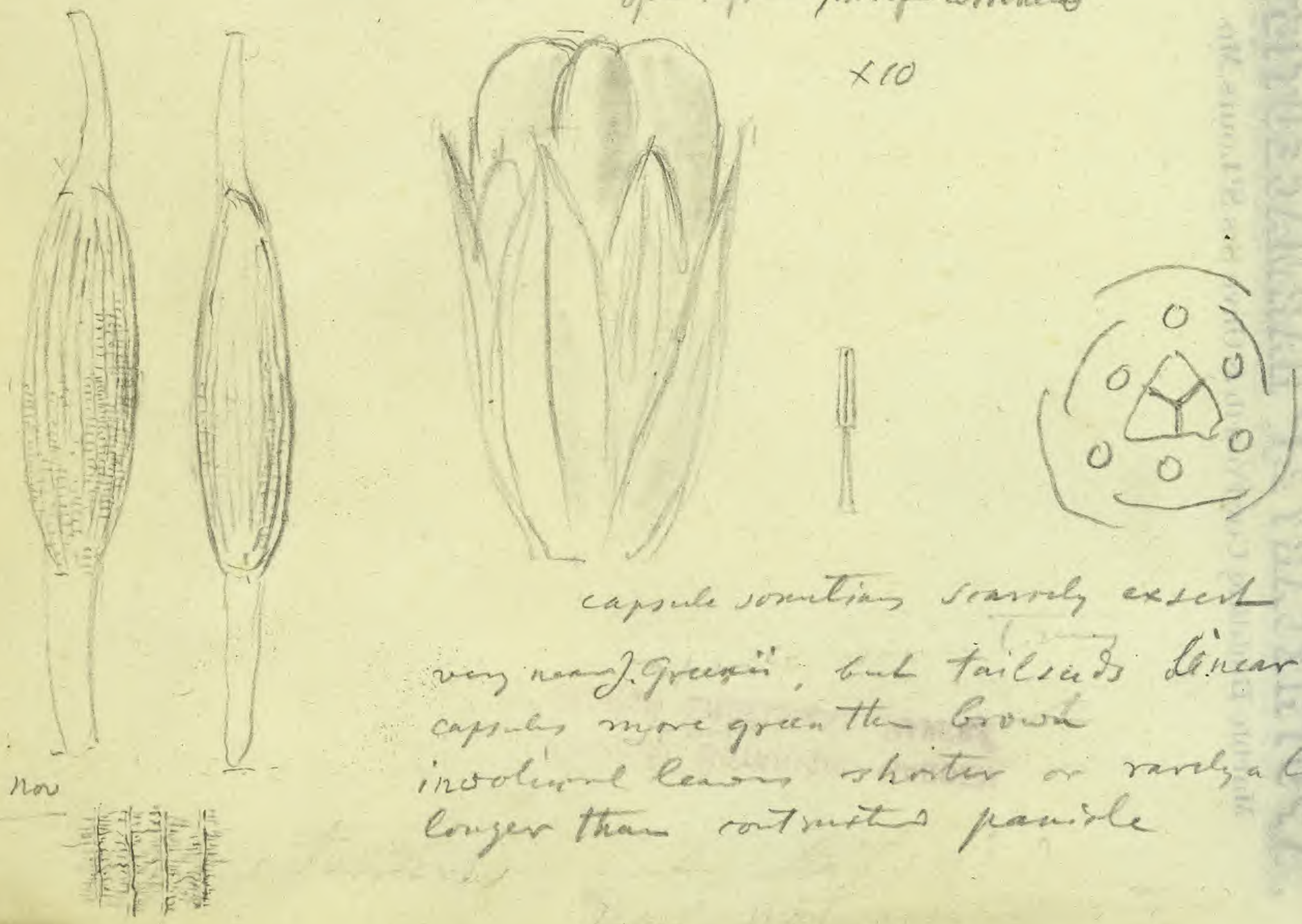
ST. LOUIS, MO.

Jemaica Aug 13 1865

Ringwood Dr Vasey

open capsule, thoroughly ripened

×10



capsule sometimes scarcely exserted

very near J. Greenii, but tailseeds linear; capsules more green than brown

involucral leaves shorter or rarely a little longer than contracted panicle

g nov

9240

ALEX. LEITCH,

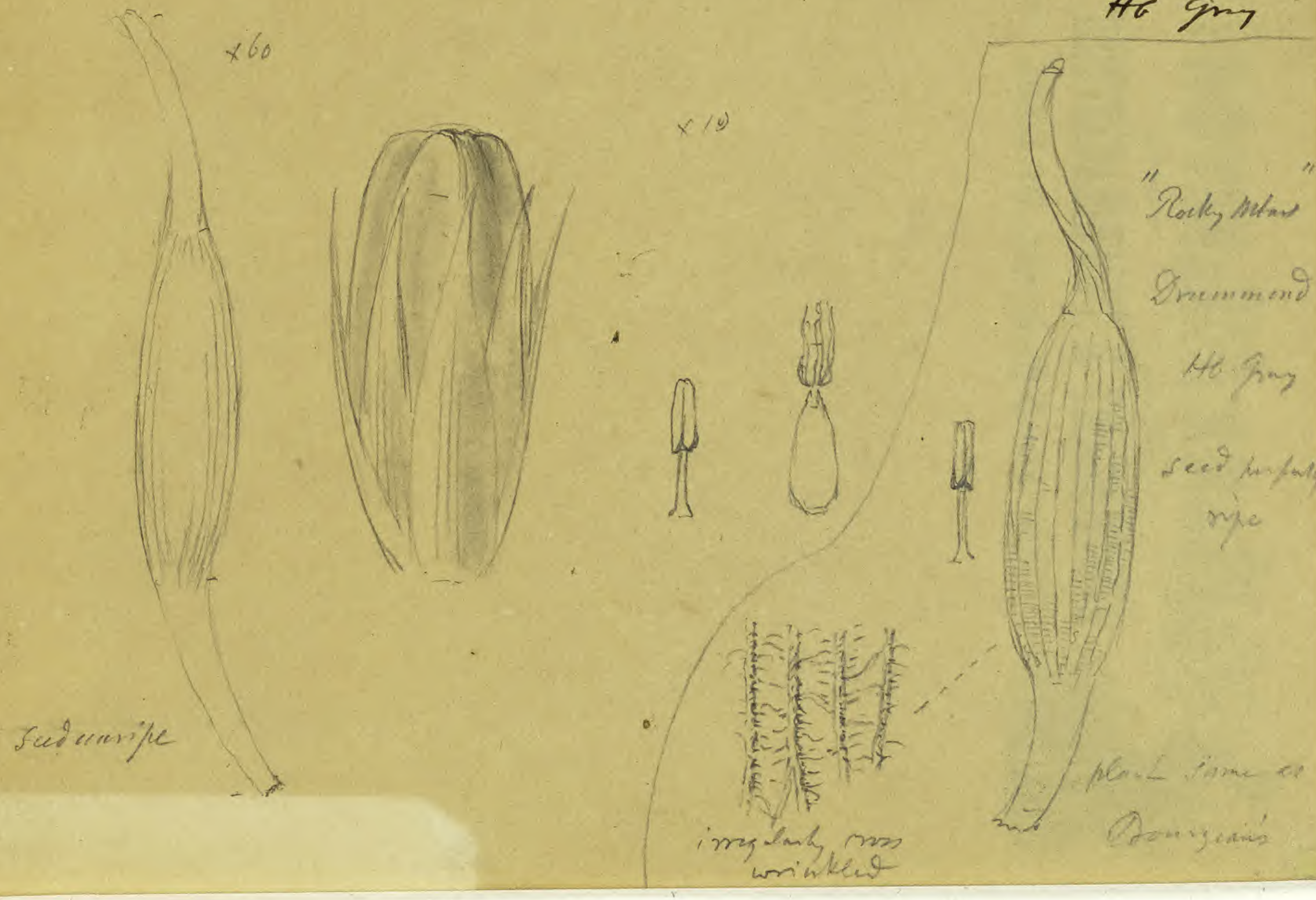
APOTHECARY & PHARMACEUTIST,

Marble Building Cor. Fourth & Olive Sts. St. Louis, Mo.

Lemna Valsey i Nov 7 1865

Saskatchewan, E. Bourgeau 1858

HG Gray



9241

ALEX. LEITCH

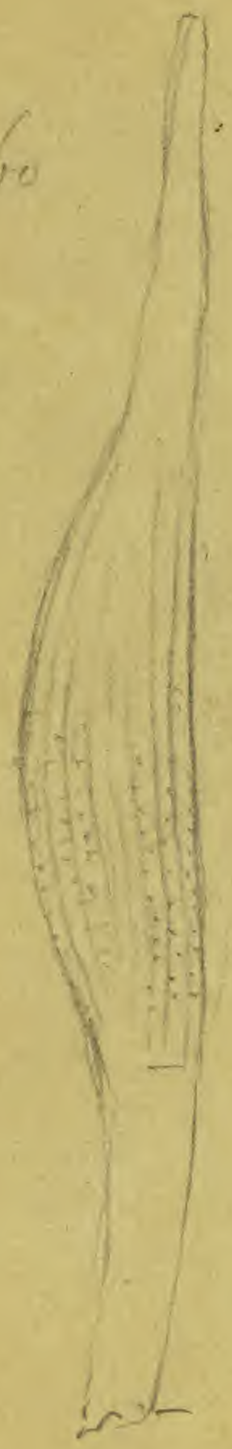
APOTHECARY & PHARMACEUTIST,

COR. 4TH & OLIVE STS., ST. LOUIS.

Juncus Vasey
Colorado, Hall 1862

Nov 10 1865
mixed with
J. tenuis

x60



9242

ALEX. LEITCH

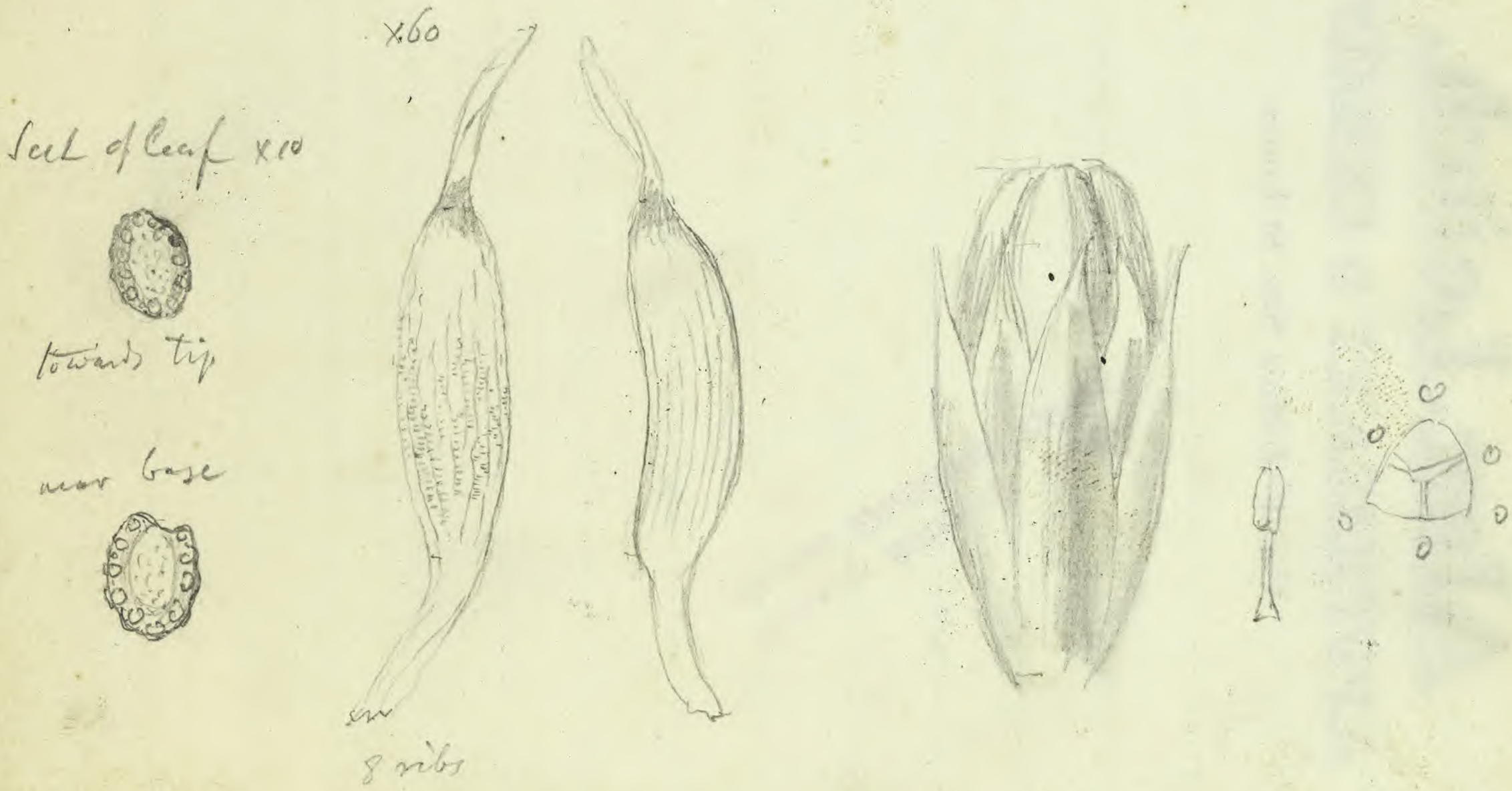
APOTHECARY & PHARMACEUTIST,

COR. 4TH & OLIVE STS., ST. LOUIS.

J. Vaseyi

Aug 27 1866

Dr Bigelow, Detroit



Alex. Leitch,

APOTHECARY & CHEMIST,

Cor. 4th & Olive Sts., St. Louis.

James Vasey

	Ill. Philad	Gray	Engelm.
Ringwood Ill.		(Vasey)	Vasey
Rocky Mtns		Drummond	(Dr)
Saskatchawan		Bourgeau	Bourgeau
Colorado			Hall
Detroit			Bigelow

ALEX. LEITCH

APOTHECARY & PHARMACEUTIST,

COR. 4TH & OLIVE STS., ST. LOUIS.

E. Meyer has taken Drummond
No. 228 from the Rocky Mountains,
which I have named J. Usey!
for J. Chamisso's sonis Kunth III. 348
from Chili & Montevideo.
Seeds of the latter must be
compared. Ex F. Buchinger Jan 1867

Seeds ex Hb. Paris think a very
short pouch!